

# Converting Colors

Hex(7E7530)

Have a look what the booklet for  
Hex(7E7530) contains.

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**Color**

**Hex(7E7530)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E7530
RGB	126, 117, 48
RGB Percent	49%, 46%, 19%
CMY	0.5059, 0.5412, 0.8118
CMYK	0.00, 0.07, 0.62, 0.51
HSL	53°, 45%, 34%
HSV	53°, 62%, 49%
XYZ	15.4990, 17.3716, 5.3325
YIQ	111.8250, 27.5130, -19.5510

# Conversions

## Conversions Part 2

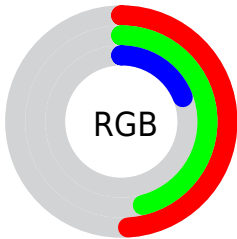
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 126, 48
Decimal	8287536
CIELab	48.72, -5.82, 38.42
CIELCh	49, 38.860, 98.616
Yxy	17.3716, 0.4057, 0.4547
Android (android.graphics.Color)	4286477616 (0xFF7E7530)
YUV	111.8250, -31.4657, 12.4315
Hunter-Lab	41.6793, -6.5611, 21.5899

# Details

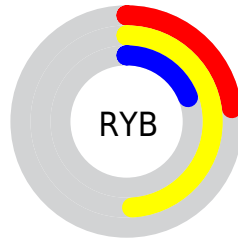
The Hex color **7E7530** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **30397E**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **B5A961**, and **4A4500** is the 20% darker color. If you saturate the color by 10%, you get **7E7423**, and if you desaturate by 10%, it is **7E763D**.

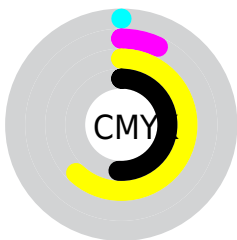
# Distribution



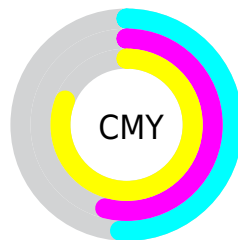
- Red (49%)
- Green (46%)
- Blue (19%)



- Red (23%)
- Yellow (49%)
- Blue (19%)



- Cyan (0%)
- Magenta (7%)
- Yellow (62%)
- Black (51%)



- Cyan (51%)
- Magenta (54%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E7530 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 7E7530 by changing the saturation by 10% instead.



 7E7530

 7E7530

FFFFFF

 645C18

 B5A961

 4A4500

 D1C47B

 322F00

 EEE095

 1A1B00

 FFFCB0

 000000

 FFFFCC

 FFFFEE

 7E7530

 7E7530

 7E7423

 7E763D

■ 7E7217

■ 7E7849

■ 7E710A

■ 7E7956

■ 7E6F00

■ 7E7B62

■ 7E7C6F

■ 7E7E7C

■ 7E7F88

■ 7E8195

■ 7E82A1

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9A6936



7E7530



5B7E3E

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



7E7530



00839C



A45C8C

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



7E7530



30397E

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



8367A7



7E7530



007EB0

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



7E7530



00847D



4C74B5



B1586B

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



7E7530



3D8150



4C74B5



9B5F96



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



7E7530



A3A084



7E3039



524F3F



D1D1D1



525252



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



7E7530



A3952A



607E30



403F39



807100



000000



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



30397E



2A38A3



4E307E



393A40



000F80



000000



# Previews

## White Background



This preview shows how the Hex color 7E7530 looks on a white background.

## Color Contrast Check

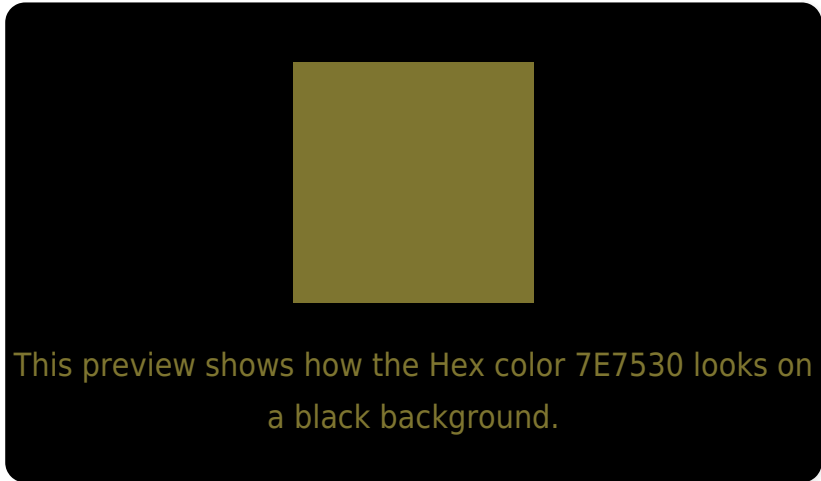
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

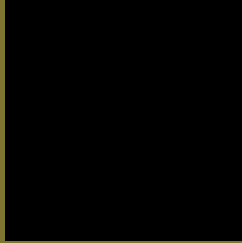
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7E7530 Background



This preview shows how black text looks on a background with the Hex color 7E7530.



This preview shows how white text looks on a background with the Hex color 7E7530.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
7E7530

**Protanopia**  
817430

**Deuteranopia**  
906E32



**Tritanopia**  
846E76

# Trichromacy



**Original Color**  
7E7530

**Protanomaly**  
807430

**Deuteranomaly**  
897131

**Tritanomaly**  
82715D

# Monochromacy



**Original Color**  
7E7530

**Achromatopsia**  
707070

**Achromatomaly**  
757259

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E7530 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #7E7530 looks like.

```
.text, #text, p{  
    color:#7E7530  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #7E7530 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E7530
}
```

## Border

The CSS property to change the border of an element to Hex 7E7530 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E7530 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#7E7530 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #7E7530 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E7530; -webkit-box-shadow:4px 4px  
4px 4px #7E7530; box-shadow:4px 4px 4px  
4px #7E7530 }
```

# Background

The CSS property to change the background color of an element to Hex 7E7530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E7530 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#7E7530 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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